



Rabbit Anti-PARP monoclonal antibody, clone TV14-79 (CABT-L652)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	PARP
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TV14-79
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, FC
Molecular Weight	113/89 kDa
Cellular Localization	Nucleus.
Positive Control	A549, Jurkat, Hela, human spleen tissue, mouse colon tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

Storage

Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction

PARP, a 116 kDa nuclear poly (ADP-ribose) polymerase, appears to be involved in DNA repair in response to environmental stress. This protein can be cleaved by many ICE-like caspases in vitro and is one of the main cleavage targets of caspase-3 in vivo. In human PARP, the cleavage occurs between Asp214 and Gly215, which separates the PARP amino-terminal DNA binding domain (24 kDa) from the carboxy-terminal catalytic domain (89 kDa). PARP helps cells to maintain their viability; cleavage of PARP facilitates cellular disassembly and serves as a marker of cells undergoing apoptosis.

Keywords

ADP ribosyltransferase (NAD+;poly (ADP ribose) polymerase);ADP ribosyltransferase diphtheria toxin like 1;ADP ribosyltransferase NAD(+);ADPRT
1;ADPRT;ADPRT1;ARTD1;msPARP;NAD(+) ADP ribosyltransferase 1;NAD(+) ADP-
ribosyltransferase 1;pADPRT 1;pADPRT1;PARP 1;PARP;PARP-
1;PARP1;PARP1_HUMAN;Poly (ADP ribose) polymerase 1;poly (ADP ribose) polymerase
family, member 1;Poly [ADP-ribose] polymerase 1;Poly(ADP ribose) polymerase;poly(ADP
ribose) synthetase;poly(ADP ribosyl)transferase;Poly[ADP ribose] synthetase 1;Poly[ADP-
ribose] synthase 1;PPOL antibody
